

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> : <b>C07K 14/00</b>		<b>A2</b>	(11) International Publication Number: <b>WO 00/26245</b>
			(43) International Publication Date: 11 May 2000 (11.05.00)
(21) International Application Number: PCT/US99/26048		(72) Inventors; and	
(22) International Filing Date: 4 November 1999 (04.11.99)		(75) Inventors/Applicants (for US only): HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive, #12, Mountain View, CA 94040 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). CORLEY, Neil, C. [US/US]; 1240 Dale Avenue, #30, Mountain View, CA 94040 (US). GUEGLER, Karl, J. [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). AZIMZAI, Yalda [US/US]; 2045 Rock Springs Drive, Hayward, CA 94545 (US). LU, Dyung, Aina, M. [US/US]; 55 Park Belmont Place, San Jose, CA 95136 (US).	
(30) Priority Data: 60/172,255 4 November 1998 (04.11.98) US 60/172,252 24 November 1998 (24.11.98) US 60/172,214 22 December 1998 (22.12.98) US 60/121,896 26 February 1999 (26.02.99) US			
(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications US 60/172,255 (CIP) Filed on 4 November 1998 (04.11.98) US 60/172,252 (CIP) Filed on 24 November 1998 (24.11.98) US 60/172,214 (CIP) Filed on 22 December 1998 (22.12.98) US 60/121,896 (CIP) Filed on 26 February 1999 (26.02.99)		(74) Agents: BILLINGS, Lucy, J. et al.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).	
(71) Applicant (for all designated States except US): INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
		<b>Published</b> Without international search report and to be republished upon receipt of that report.	
(54) Title: MEMBRANE TRANSPORT PROTEINS			
<p>1 [M]----- 1720440 1 [M]RAPGAGTASVASLALLWFLGLPWTWSAAA GI 2612939</p> <p>2 ----- 1720440 31 AFCVYVGGGGWRFLRIVCKTARRDLFGLSV GI 2612939</p> <p>2 ----- 1720440 61 LIRVRLELRRHRRAGDTIPCIFQAVARRQP GI 2612939</p> <p>2 ----- 1720440 91 ERLALVDASSGICWTFAQLDITYSNAVANLF GI 2612939</p> <p>2 ----- 1720440 121 RQLGFAPGDVAVVFL[ENRNEFVGLWLGMAR] GI 2612939 [EGRP]EFVGLWLGLAK</p> <p>17 [LGVBAALINTNLRDPALLHCLTTSRAARALV] 1720440 151 AGVVAALLNVLRRBFLAFLCLGTSAARALAI GI 2612939</p>			
(57) Abstract			
<p>The invention provides human membrane transport proteins (MTRP) and polynucleotides which identify and encode MTRP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of MTRP.</p>			